

Converting Colors

Decimal(55072)

Have a look what the booklet for
Decimal(55072) contains.

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Color

Decimal(55072)

Conversions

Conversions Part 1

Format	Color
Hex	00D720
RGB	0, 215, 32
RGB Percent	0%, 84%, 13%
CMY	1.0000, 0.1569, 0.8745
CMYK	1.00, 0.00, 0.85, 0.16
HSL	129°, 100%, 42%
HSV	129°, 100%, 84%
XYZ	24.5612, 48.7052, 9.4730
YIQ	129.8530, -69.3970, -102.4930

Conversions

Conversions Part 2

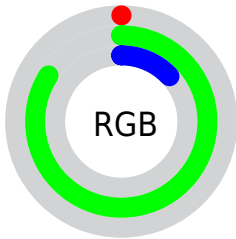
Format	Color
RYB	0, 187, 215
Decimal	55072
CIELab	75.27, -74.92, 68.74
CIELCh	75, 101.675, 137.465
Yxy	48.7052, 0.2968, 0.5887
Android (android.graphics.Color)	4278245152 (0xFF00D720)
YUV	129.8530, -48.2415, -113.8811
Hunter-Lab	69.7891, -59.3107, 40.8045

Details

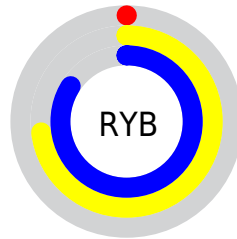
The Decimal color **55072** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **14090423**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **7143264**, and **40448** is the 20% darker color. If you saturate the color by 10%, you get **55072**, and if you desaturate by 10%, it is **1431346**.

Distribution



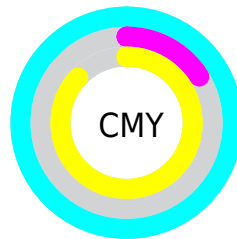
- Red (0%)
- Green (84%)
- Blue (13%)



- Red (0%)
- Yellow (73%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (85%)
- Black (16%)




















- Cyan (100%)
- Magenta (16%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 55072 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 55072 by changing the saturation by 10% instead.

 55072	 55072
 16777215	 47616
 7143264	 40448
 9371516	 33536
 11468697	 26624
 13500341	 19968
 15597523	 13824
 16777200	 6912
	 0

 55072

 1431346

 2873157

 4314967

 5691241

 7133052

 8509326

 9951136

 11327410

 12769221

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11322880



55072



57229

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55072



53503



16728967

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



55072



14090423

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16730341



55072



1880831

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55072



57087



16745215



16742698

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55072



58063



16745215



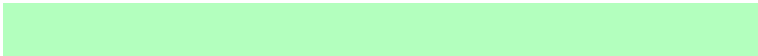
16726438

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



55072



11796414



12244736



5406808



0



8421504

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55072



65318



55176



6318946



43801



11014

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



14090423



16711897



14090319



7037034



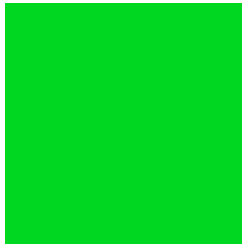
11206801



2818085

Previews

White Background



This preview shows how the Decimal color 55072 looks on a white background.

Color Contrast Check

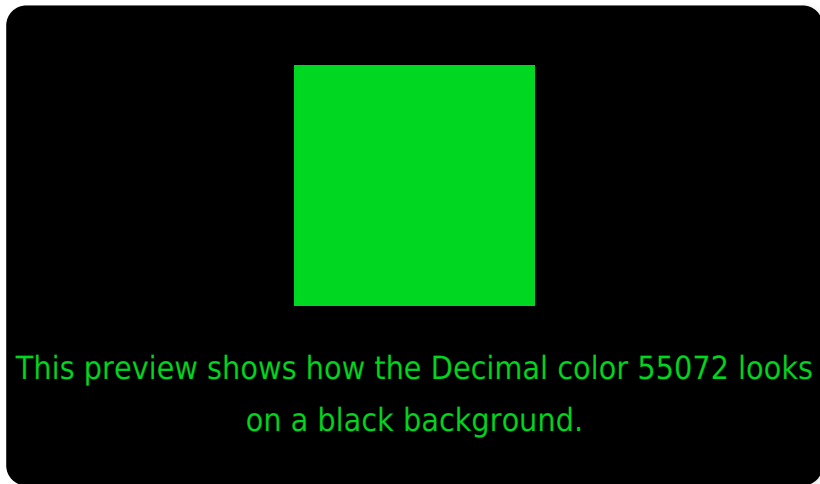
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

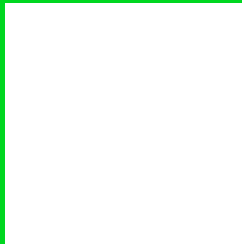
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 55072 Background



This preview shows how black text looks on a background with the Decimal color 55072.



This preview shows how white text looks on a background with the Decimal color 55072.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

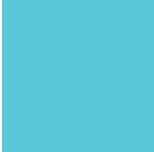
Dichromacy



Original Color
55072

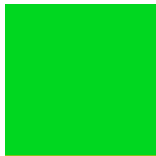
Protanopia
13613079

Deuteranopia
15117879



Tritanopia
5949656

Trichromacy



Original Color
55072



Protanomaly
8700698



Deuteranomaly
9616687



Tritanomaly
3788181

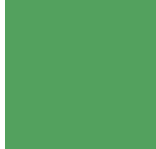
Monochromacy



Original Color
55072



Achromatopsia
8553090



Achromatomaly
5480798

CSS Examples

Text

The CSS property to change the color of the text to Decimal 55072 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #00D720 looks like.

```
.text, #text, p{  
    color:#00D720  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #00D720 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D720
}
```

Border

The CSS property to change the border of an element to Decimal 55072 is called "border". The border property can be set on classes, ids or directly on the HTML element.

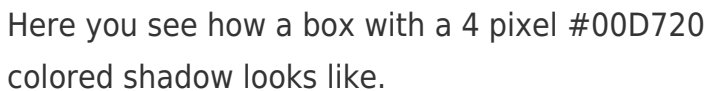
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00D720 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#00D720 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #00D720 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D720; -webkit-box-shadow:4px 4px  
4px 4px #00D720; box-shadow:4px 4px 4px  
4px #00D720 }
```

Background

The CSS property to change the background color of an element to Decimal 55072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D720 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#00D720 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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